



Substitute for form 1449A/PTO

*(use as many sheets as necessary)*

Application Number	10/750,909
Filing Date	September 10, 1998
First Named Inventor	LEVY Avraham et al
Group Art Unit	1638
Examiner Name	
Attorney Docket Number	27282

[illegible]

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

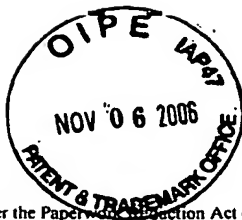
1. Applicant's unique citation designation number (optional). 2. Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

**If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.**

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.

SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450



PTO/SB/08b (08-03)

Approved for use through 06/30/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

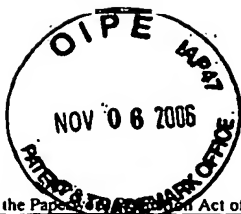
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO  <b>SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/750,909
				Filing Date	January 5, 2004
				First Named Inventor	Avraham LEVY et al
				Group Art Unit	1638
				Examiner Name	IBRAHIM, MEDINA AHMED
Sheet	2	of	4	Attorney Docket Number	27282
OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.			T <sup>2</sup>
MI	15	Bishop et al. "The Tomato Dwarf Gene Isolated by Heterologous Transposon Tagging Encodes the first Member of a New Cytochrome P450 Family", The Plant Cell, 8(6):959-969, 1996. Claims: X: 22,26-32, Y: 18-21.			
MI	16	Yoder et al. "Ac Transposition in Transgenic Tomato Plants", Molecular Genetics and Genomics, 213(2-3): 291-296, 1988. Abstract.			
MI	17	Zwaal et al. "Target-Selected Gene Inactivation in Ceanorhabditis Elegans by Using A Frozen Transposon Insertion Mutant Bank", Proc. Natl. Acad. Sci. USA, 90: 7431-7435, 1993.			
MI	18	Cooley et al. "Site-Selected Insertional Mutagenesis of Tomato With Maize Ac and Ds Elements", Molecular Genetics and Genomics, 252(1-2): 184-194, 1996. Abstract.			
MI	19	Damasco et al. "Gibberellic Acid Detection of Draft Offtypes in Micropropagated Cavendish Bananas", Australian Journal of Experimental Agriculture, 36(2): 237-241, 1996. Abstract.			
MI	20	Scott et al. " Influence of Pollination Treatments on Fruit Set and Development in Parthenocarpic Tomato", HortScience, 19(6): 874-876, 1984.			
MI	21	Scott et al. " Micro-Tom. A Miniature Dwarf Tomato", IFAS Circular, 370: 1-6, 1989.			
MI	22	Scott et al. " Micro-Gold Miniature Dwarf Tomato", HortScience, 30(3): 643-644, 1995. P.643 1-h Col., § 2.			
MI	23	Ballinger et al. "Targeted Gene Mutations in Drosophila", Proc. Natl. Acad.Sci. USA, 86: 9402-9406, 1989.			
MI	24	Bensen et al. "Cloning and Characterization of the Maize An1 Gene", The Plant Cell, 7: 75-84, 1995.			
MI	25	Carroll et al. "Germinal Transpositions of the Maize Element Dissociation From T-DNA Loci in Tomato", Genetics, 139: 407-420, 1995.			
MI	26	Cresse et al. "Mu1-Related Transposable Elements of Maize Preferentially Insert Into Low Copy Number DNA", Genetics, 140: 315-324, 1995.			
MI	27	Federoff et al. "Cloning of the Bronze Locus in Maize by A Simple and Generalizable Procedure Using the Transposable Controlling Element Activator (Ac)", Proc. Natl. Acad. Sci. USA, 81(12): 3825-3829, 1984. Abstract.			
MI	28	Federoff et al. "A Versatile System for Detecting Transposition in Arabidopsis", Plant Journal, 3(2): 273-289, 1993. Abstract.			
MI	29	Feinberg et al. "A Technique for Radiolabeling DNA Restriction Endonuclease Fragments to High Specific Activity", Analyses in Biochemistry, 132(1): 6-13, 1983. Abstract.			
MI	30	Fillatti et al. "Efficient Transfer of A Glyphosate Tolerance Gene Into Tomato Using A Binary Agrobacterium Tumefaciens Vector", Bio/Technology, 5: 726-730, 1987. Abstract.			
MI	31	Gorbunova et al. "Circularized Ac/Ds Transposons: Formation, Structure and Fate", Genetics, 145: 1161-1169, 1997.			

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>. Applicant's unique citation designation number (optional). <sup>2</sup>. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. this collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount



PTO/SB/08b (08-03)

Approved for use through 06/30/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

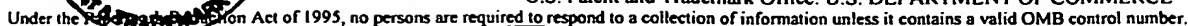
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<p>Substitute for form 1449A/PTO</p> <p><b>SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b></p> <p>(use as many sheets as necessary)</p>				Complete if Known	
				Application Number	10/750,909
				Filing Date	January 5, 2004
				First Named Inventor	Avraham LEVY et al
				Group Art Unit	1638
				Examiner Name	IBRAHIM, MEDINA AHMED
Sheet	3	of	4	Attorney Docket Number	27282
OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.			T <sup>2</sup>
MI	32	Greenblatt "A Chromosome Replication Pattern Deduced From Pericarp Phenotypes Resulting From Movements of the Transposable Element, Modulator, in Maize", Genetics, 108: 471-485, 1984.			
MI	33	Hedden et al. "Gibberellin Biosyntheses: Enzymes, Genes and Their Regulation", Annual Review of Plant Physiology and Plant Molecular Biology, 48: 431-460, 1997. Abstract.			
MI	34	Hoekema et al. "A Binary Plant Vector Strategy Based on Separation of Vir- and T-Region of the Agrobacterium Tumefaciens Ti-Plasmid", Nature, 303: 179-180. 1983. Abstract.			
MI	35	Horsch et al. "A Simple and General Method for Transferring Genes Into Plants", Science, 227(4691): 1229-1231, 1985. Abstract.			
MI	36	Jones et al. "Preferential Transposition of the Maize Element Activator to Linked Chromosomal Locations in Tobacco", The Plant Cell, 2: 701-707, 1990.			
MI	37	Kaiser et al. "'Site-Selected' Transposon Mutagenesis of Drosophila", Proc. Natl. Acad. Sci. USA, 87: 1686-1690, 1990.			
MI	38	Keddie et al. "The DCL Gene of Tomato Is Required for Chloroplast Development and Palisade Cell Morphogenesis in Leaves", The EMBO Journal, 15(16): 4208-4217, 1996.			
MI	39	Knapp et al. "Transgenic Tomato Lines Containing Ds Elements at Defined Genomic Positions as Tools for Targeted Transposon Tagging", Mol. Gen. Genet., 243: 666-673, 1994. P. 666 Right Hand Column: par.1. Abstract. Claims: 33-36.			
MI	40	Leutwiler et al. "The DNA of Arabidopsis Thaliana", Molecular Genetics and Genomics, 194(1-2): 15-23, 1984. Abstract.			
MI	41	Mena et al. "Diversification of C-Function Activity in Maize Flower Development", Science, 274(5292): 1537-1540, 1996. Abstract.			
MI	42	Osborne et al. "Ac Transposition From A T-DNA Can Generate Linked and Unlinked Clusters of Insertions in Tomato Genome", Genetics, 129: 833-844, 1991.			
MI	43	Rommens et al. "Characterization of the Ac/Ds Behaviour in Transgenic Tomato Plants Using Plasmid Rescue", Plant Molecular Biology, 20(1): 61-70, 1992. Abstract.			
MI	44	Schoenmakers et al. Isolation and Characterization of Nitrate Reductase-Deficient Mutants in Tomato (Lycopersicon Esculentum Mill.)", Molecular and Gene Genetics, 227: 458-464, 1991. Abstract.			
MI	45	Scott et al. "Adjacent Sequences Influence DNA Repair Accompanying Transposon Excision in Maize", Genetics, 142: 237-246, 1996.			
MI	46	Shalev et al. "The Maize Transposable Element Ac Induces Recombination Between the Donor Site and An Homologous Ectopic Sequence", Genetics, 146: 1143-1151, 1997.			

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>. Applicant's unique citation designation number (optional). <sup>2</sup>. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.



Approved for use through 06/30/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449A/PTO

**SUPPLEMENTAL INFORMATION  
DISCLOSURE  
STATEMENT BY APPLICANT**

*(use as many sheets as necessary)*

**Complete if Known**

Application Number	10/750,909
Filing Date	January 5, 2004
First Named Inventor	Avraham LEVY et al
Group Art Unit	1638
Examiner Name	IBRAHIM, MEDINA AHMED
Attorney Docket Number	27282

Sheet	4	of	4
-------	---	----	---

## OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

[illegible]

Signature	/Medina Ibrahim/	Considered	12/21/2006
-----------	------------------	------------	------------

**\*EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>. Applicant's unique citation designation number (optional). <sup>2</sup>. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.

***If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.***